

CLAIMS

What is claimed is:

1. A saw comprising:

a base;

5 a saw assembly connected to the base, the saw assembly comprising a pivot arm,

an upper blade guard connected to the pivot arm, a motor attached to the upper blade

guard, and a blade driven by the motor; and

a fence assembly attached to the base, the fence assembly comprising a fixed fence fixedly attached to the base, a movable fence movably connected to the fixed fence,

10 the movable fence defining a first support plane, and an auxiliary fence disposed behind

at least one of the fixed fence and the movable fence, the auxiliary fence defining a

second support plane substantially parallel to the first support plane.

2. The saw of Claim 1, further comprising a table rotatably attached to the base.

3. The saw of Claim 2, wherein the saw assembly is pivotably attached to the

15 table.

4. The saw of Claim 2, further comprising a support housing connected to one of the table and the saw assembly, and at least one rail slidably connected to one of the table and the support housing,

5. The saw of Claim 4, wherein the saw assembly further comprises a trunnion

20 disposed on the at least one rail, the pivot arm being pivotably attached to the trunnion.

6. The saw of Claim 1, wherein the fixed fence has a support surface.

7. The saw of Claim 6, wherein the support surface is substantially parallel to an upper surface of the base.

8. The saw of Claim 6, wherein the support surface is substantially perpendicular to the first support plane.

9. The saw of Claim 1, wherein the fixed fence has a surface which is substantially coplanar with the first support plane.

5 10. A method for cutting a workpiece comprising:
providing a saw comprising a base, a saw assembly connected to the base, the saw assembly comprising a pivot arm, an upper blade guard connected to the pivot arm, a motor attached to the upper blade guard, and a blade driven by the motor, and a fence assembly attached to the base, the fence assembly comprising a fixed fence fixedly
10 attached to the base, a movable fence movably connected to the fixed fence, the movable fence defining a first support plane, and an auxiliary fence disposed behind at least one of the fixed fence and the movable fence, the auxiliary fence defining a second support plane substantially parallel to the first support plane;

removing the movable fence from the fixed fence;

15 disposing the workpiece on the fixed fence and against the auxiliary fence; and
pivoting the saw assembly downwardly.

11. The method of Claim 10, further comprising the step of providing a block on the base and against the fixed fence.

12. The method of Claim 10, wherein the saw further comprises a table
20 rotatably attached to the base.

13. The method of Claim 12, wherein the saw assembly is pivotably attached to the table.

14. The method of Claim 12, wherein the saw further comprises a support housing connected to one of the table and the saw assembly, and at least one rail slidably connected to one of the table and the support housing,

15. The method of Claim 14, wherein the saw assembly further comprises a
5 trunnion disposed on the at least one rail, the pivot arm being pivotably attached to the trunnion.

16. The method of Claim 10, wherein the fixed fence has a support surface.